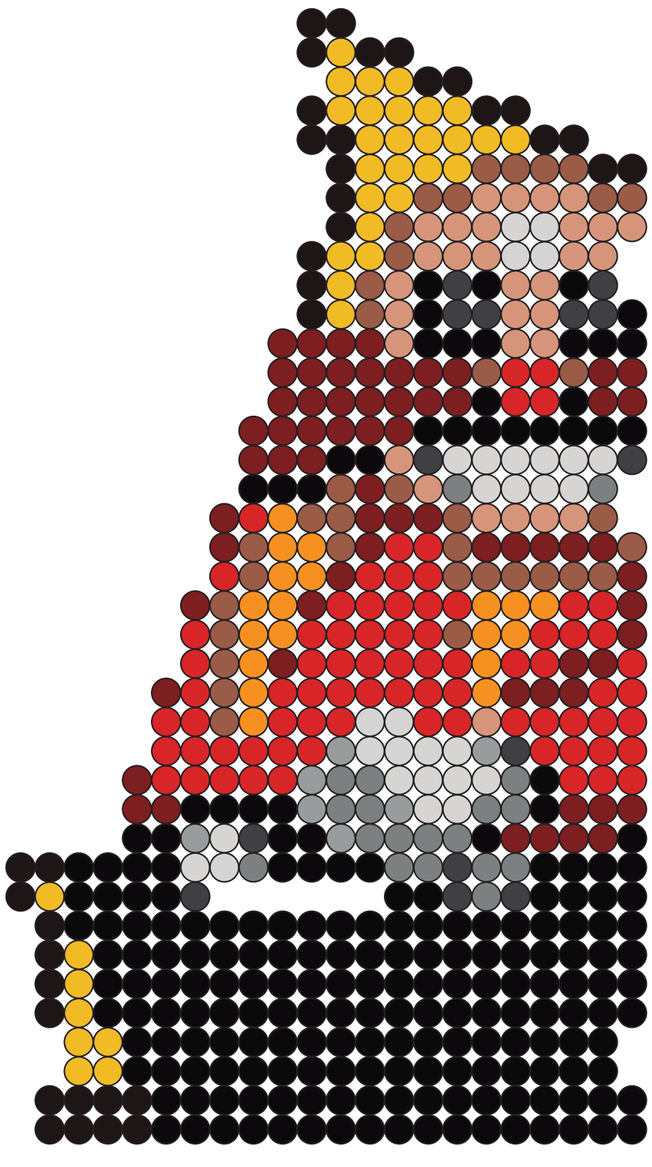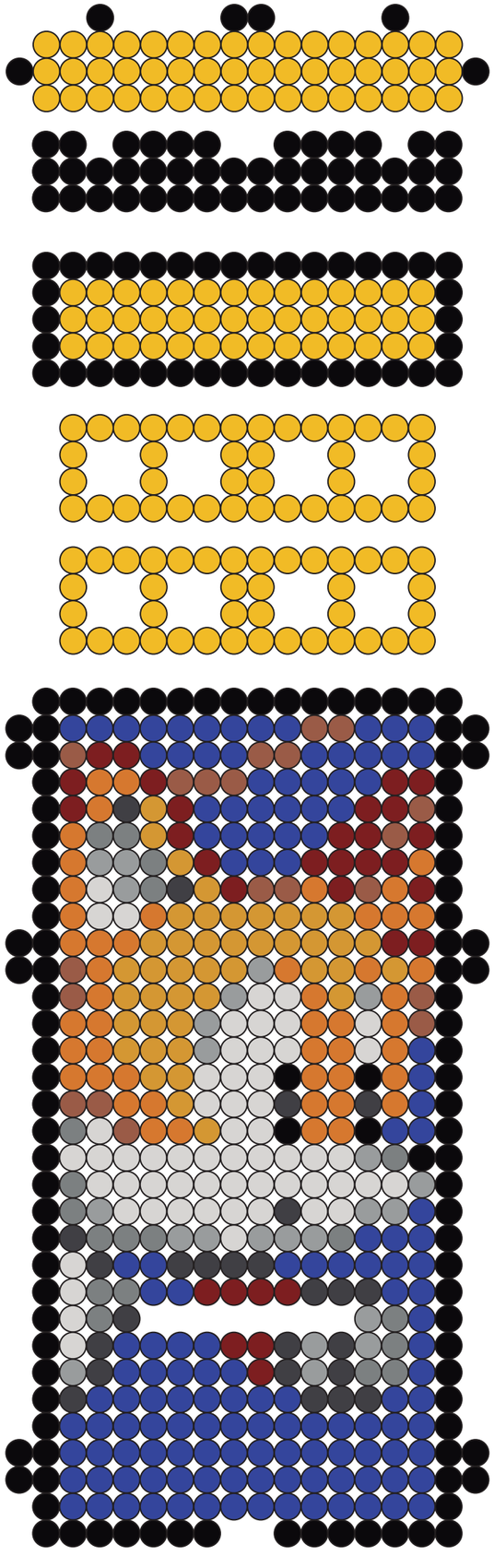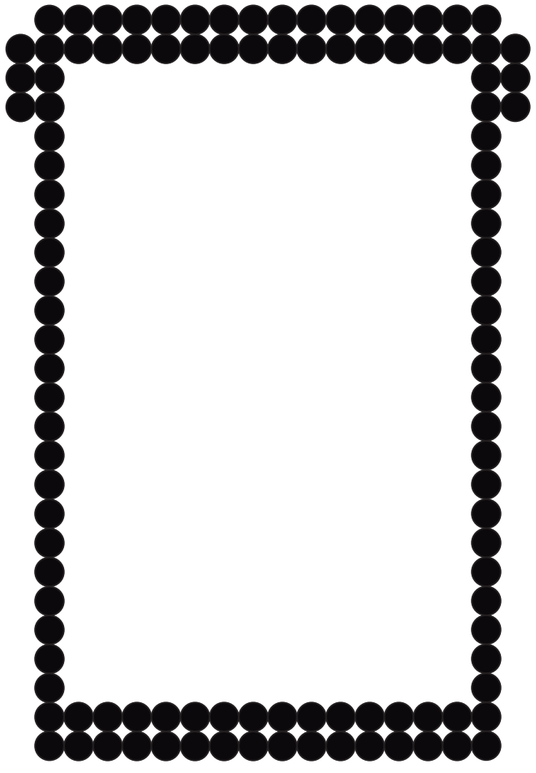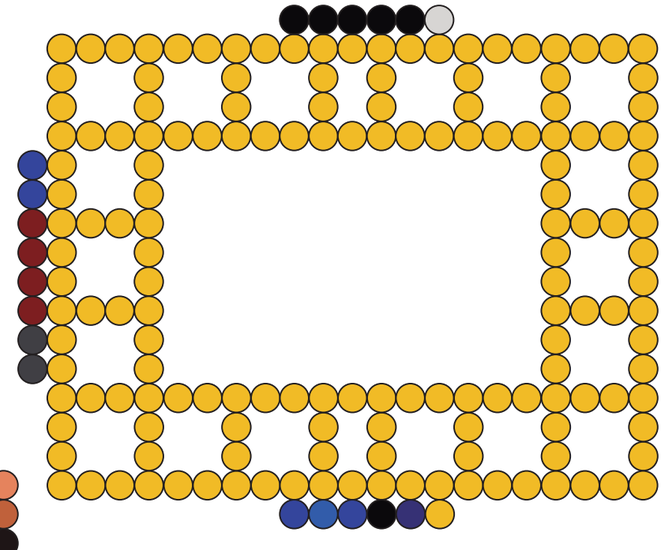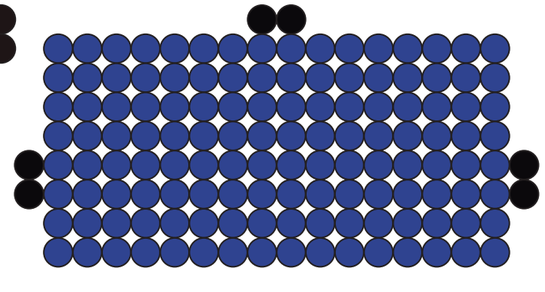todo PIXELES